

Survey of Derailment Site with Derailed Car Positions, Car Component Locations, Right of Way Boundaries, Noted Structure Damages, Track & Evidence Locations, Direction of Travel, and Point of Derailment Identified



NOTES:

1. DATE OF INCIDENT: 5/12/15, 2115 HOURS.
2. DATE OF FIELD SURVEY: 5/12/15 - 5/15/15
3. FIELD SURVEY PERFORMED BY AMTRAK PERSONNEL, UNDER THE DIRECT SUPERVISION OF CHARLES SZOVATI, P.L.S., UTILIZING TRADITIONAL FIELD SURVEYING METHODS, DIGITAL LASER SCANNING & GNSS RTK DATA ACQUISITION.
4. HORIZONTAL DATUM: PA. STATE PLANE COORDINATES, SOUTH ZONE, NAD '83 DATUM, CONTROL POINTS SHOWN.
5. VERTICAL DATUM: NAVD '88, BENCH MARKS SHOWN.
6. AMTRAK RIGHT OF WAY LINES ARE APPROXIMATE AND FOR ILLUSTRATIVE PURPOSES ONLY.
7. AERIAL IMAGERY:

DATE OF FLIGHT: 5/13/15
 TIME: 1200 HRS UTC, 0800 HRS EDST
 ALTITUDE: 2570' AGL
 Keystone Aerial Surveys, Inc.
 Northeast Philadelphia Airport
 9800 Ashton Road
 PO Box 21059
 Philadelphia, PA 19114
 215-677-3119



LEGEND:

SURVEY BASELINE	- - - - -
RIGHT OF WAY LINE	- - - - -



National Railroad Passenger Corporation
 Track Engineering & Design

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		SUB-DIVISION: MID-ATLANTIC			
PHILADELPHIA, PA. DERAILMENT INVESTIGATION TRAIN 188 AN LINE - MP 81.62					
REGION: NORTHEAST CORRIDOR		30TH STREET STATION, PHILADELPHIA, PA. 19104			
2. 05/17/15 CES ADDITIONAL DATA ADDED 1. 05/15/15 CES INITIAL ISSUE		Office of the Deputy Chief Engineer TRACK APPROVED: _____ SCALE: GRAPHIC DATE: MAY 15, 2015			
REVISIONS					
DESIGNED:	C.E.S.	CHECKED:	C.W.H.	APPROVED:	SCALE: GRAPHIC
				DATE: MAY 15, 2015	SHEET: T-01
				PLAN NO.	10239

FILE: S:\Track Surveying & Mapping\Division-Mid-Atlantic\Frankford_Crv_188_Derailment\AmtrakSurveyData-2D.dgn